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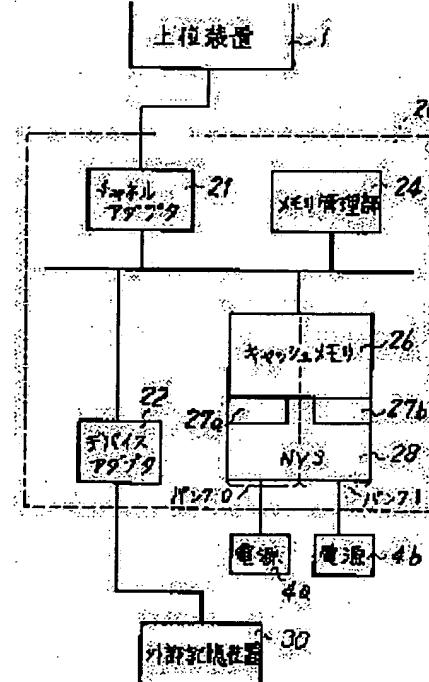
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(54) EXTERNAL STORAGE CONTROLLER

(57)Abstract:

PURPOSE: To prevent a fault when a bank is degraded by notifying a memory use part of the state of the bank by a memory control part when either one of banks is degraded.

CONSTITUTION: An external storage controller 20 is provided with plural banks where a cache memory 26, control information storage parts 27a and 27b and an involatile memory 28 are divided by the different areas of supply power sources 4a and 4b, and a memory control part (cache control part) 24 performing the control of a memory. By simultaneously writing information in the different banks, the duplex of the memory is performed. When either one of the banks is degraded, the memory control part 24 notifies a memory use part (channel adapter) 21 using the memory of the usable banks. As a result, the memory use part 21 performs an update processing by only the normal banks. Therefore, the writing in the degraded banks can be prevented and the generation of a writing error can be prevented.



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